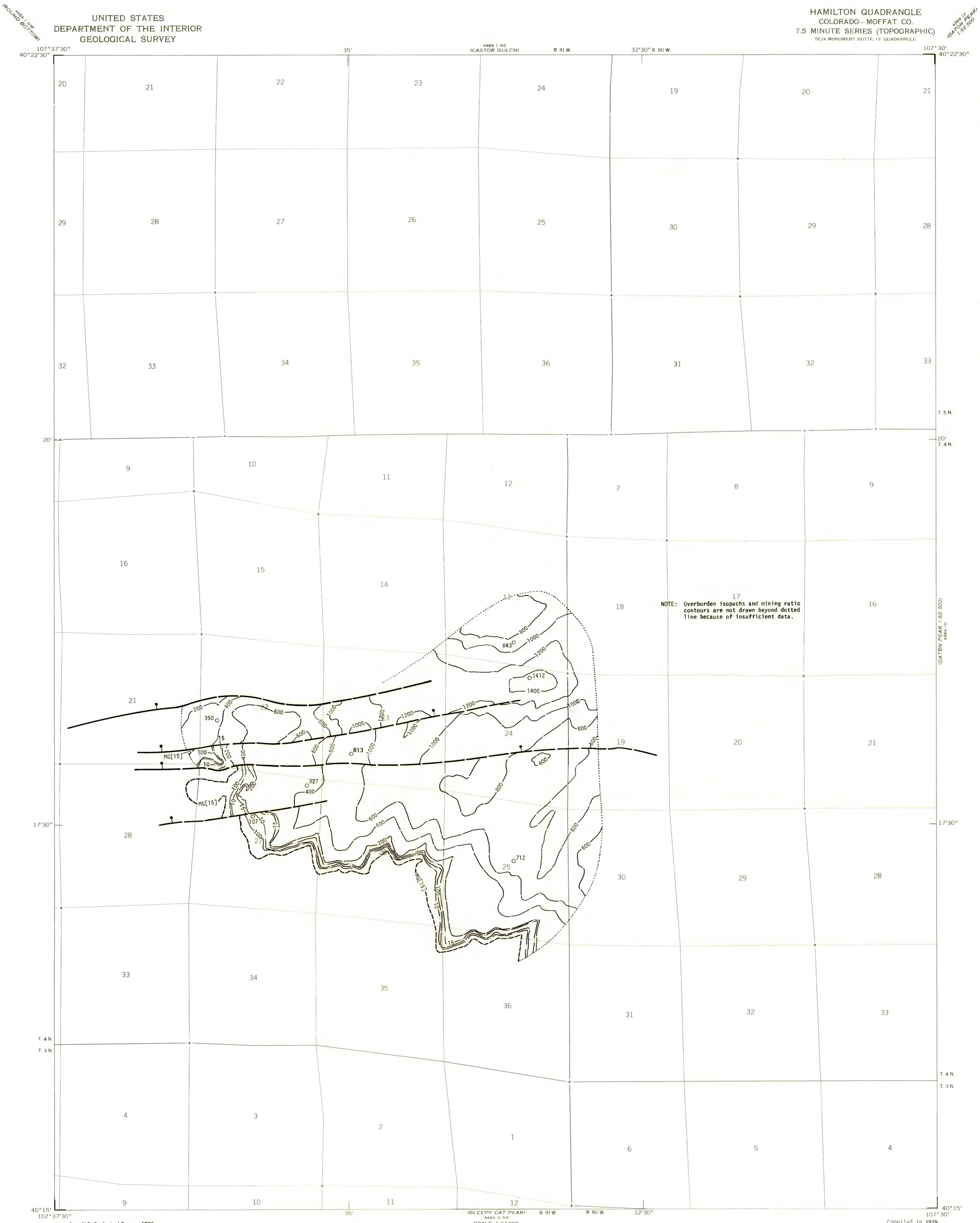
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HAMILTON QUADRANGLE
COLORADO–MOFFAT CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 MONUMENT BUTTE 15' QUADRANGLE

OPEN FILE REPORT 78-628
PLATE 13 OF 43




Base from U.S. Geological Survey, 1966

Compiled in 1979

SCALE 1:24 000

1 MILE — 7000 FEET — 1 KILOMETER

INTERVAL 40 FEET

GN — MN — 1°39' 29 MILS — 14½° 258 MILS

UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

COLORADO

QUADRANGLE LOCATION

This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

## EXPLANATION

800

OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from surface to top of coal bed. Dashed where vertical accuracy possibly not within 40 feet. Isopach interval 100 feet (31 m) over strippable coal and 200 feet (61 m) beyond the stripping-limit line.

843

DRILL HOLE - Showing thickness of overburden, in feet, from surface to top of coal bed.

15

MINING-RATIO CONTOUR - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas underlain by coal of Reserve Base thickness within the stripping-limit (in this quadrangle, the 200-foot-overburden isopach). To convert mining ratio to cubic meters of overburden per metric ton of recoverable coal, multiply mining ratio by 0.8428.

MG - Middle Coal Group

COAL BED SYMBOL AND NAME - Coal bed identified by bracketed numbers is not formally named, but is numbered for identification purposes in this quadrangle only.

MG[15]

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Short dashed where projected by present authors.

TRACE OF FAULT - Bar and ball on down-thrown side. Dashed where inferred or approximately located.

To convert feet to meters, multiply feet by 0.3048.

# COAL RESOURCE OCCURRENCE MAP OF THE HAMILTON QUADRANGLE, MOFFAT COUNTY, COLORADO

BY

DAMES & MOORE

1978

PLATE 13

OVERBURDEN ISOPACH AND MINING RATIO MAP OF THE MIDDLE COAL GROUP, COAL BED [15]